



# Courses and Workshops

## Building Statistical Capacity

The U.S. Census Bureau offers customized courses and workshops on a wide variety of topics. The training program emphasizes the practical skills necessary to improve the statistical capacity of individuals and institutions.

The U.S. Census Bureau leverages the broad expertise of the agency to train national statistical organizations (NSOs) throughout the world. The Census Bureau's program reflects over five decades of training experience, as well as current and emerging "best practices" on how to acquire, maintain, and apply new knowledge and skills.

The training program covers both technical and non-technical skills. Course levels range from basic to advanced, and are appropriate for:

- high and mid-level management.
- technical staff (data analysts, programmers, GIS specialists, statisticians).

Training is delivered internationally, at the Census Bureau headquarters near Washington, D.C., and online through an interactive e-learning program currently under development. All courses will be interactive, hands-on, and available in several languages.

Courses and workshops are **tailored** to the needs and capacity of the national statistical organization. Through adaptive training methods and content, the program encourages **development of skills** which are determined to be both **achievable** given the background skills of the trainee and the national statistical organization, and **relevant** to the trainee's job series, workload, responsibilities and overall mission of the office.

The U.S. Census Bureau works with international assistance partners, such as the USAID Office of Population and Reproductive Health and other bilateral and international organizations, to provide training and technical assistance to countries.

### For inquiries and additional information, contact:

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The Census Bureau's international statistical training curriculum is based on an assessment of existing competencies and identification of specific training needs. Workshops on a large number of specialized topics have been offered by the Census Bureau training program, including:

**Statistical Skills:**

- Sampling and Statistical Methods
- Analysis and Use of Data for Decision Making
- Population Estimates and Projections for Planning
- National Survey Sample Frame Development
- Census and Survey Processing System (CSPRO)
- Statistical Methods for Measuring Economic Development
- Disseminating Official Statistics in the New Millennium
- National and Sub-national Population Estimates and Projections Using the Census Bureau's Rural Urban Projections (RUP) Program
- Population Analysis Spreadsheets (PAS)
- Geographic Information Systems (GIS)
- Improving Data Quality
- Planning for Population and Housing Censuses
- Design of Sample Surveys
- Questionnaire Design
- Regression Analysis using SPSS
- Statistical Analysis using STATA
- Analysis and Evaluation of HIV/AIDS Statistics
- Analysis and Evaluation of Gender Statistics
- Analysis and Evaluation of Aging Statistics

**Other Technical Skills:**

- Leadership Development
- Management of Field Operations
- Writing for Analytical Reports
- Presentation Skills
- Improving Organizational Effectiveness
- Strategic Planning

This is one in a series of fact sheets introducing the Census Bureau and the assistance it provides to countries around the world. The Census Bureau helps countries improve their national statistical systems by engaging in statistical capacity building activities that aim to enhance competencies in several areas in sustainable ways. Topics in this series include:

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|-----------------------------------------|---------------------------------------------|
| • Statistical Capacity Building         | • CSPRO – Processing Census and Survey Data |
| • Population Census                     | • Demographic and Economic Analysis         |
| • Socioeconomic and Demographic Surveys | • Geographic Information Systems            |
| • Population Estimates and Projections  | • Courses and Workshops                     |

The U.S. Census Bureau's training program works to develop the skills necessary for a national statistical organization to thrive in the 21<sup>st</sup> Century.